

## CLAIMS

1. A Real-Time Protocol (RTP) stack, comprising:

a receiver module capable of receiving data via an underlying transport layer; and

a small device profile that defines a bandwidth fraction for Real-Time Control

5 Protocol (RTCP) control data to be less than five percent.

2. An RTP stack as recited in claim 1, wherein the small device profile defines the bandwidth fraction for the RTCP control data to be zero.

10 3. An RTP stack as recited in claim 2, wherein the RTP stack does not process RTCP data.

4. An RTP stack as recited in claim 3, wherein the RTP stack comprises less than 150 kilobytes (KB).

15

5. An RTP stack as recited in claim 3, wherein the RTP stack comprises less than 60 KB.

6. An RTP stack as recited in claim 5, wherein the RTP stack does not transmit RTP data.

7. An RTP stack as recited in claim 1, further comprising a transport-independent tasks module, wherein the transport-independent tasks module includes methods that are independent of the underlying transport layer.

8. An RTP stack as recited in claim 7, further comprising a connector module in communication with the transport-independent module, wherein the connector module includes methods that are dependent on the underlying transport layer.

9. An RTP stack as recited in claim 8, wherein the connector module receives RTP data from the underlying transport layer and provides the RTP data to the transport independent module as an RTP input stream.

10. A Real-Time Protocol (RTP) stack, comprising:  
  
a manager module that manages operations performed by the RTP stack;  
  
a connector module that receives data from an underlying transport layer, the connector module processing the data to create an input stream;

a receiver module in communication with the connector module, the receiver module capable of receiving the input stream from the connector module; and

a small device profile that defines a bandwidth fraction for Real-Time Control Protocol (RTCP) control data to be less than five percent.

5

11. An RTP stack as recited in claim 10, wherein the small device profile defines the bandwidth fraction for the RTCP control data to be zero.

12. An RTP stack as recited in claim 11, wherein the RTP stack does not process RTCP data.

13. An RTP stack as recited in claim 12, wherein the RTP stack comprises less than 150 kilobytes (KB).

14. An RTP stack as recited in claim 12, wherein the RTP stack comprises less than 60 KB.

15. An RTP stack as recited in claim 10, wherein the RTP stack does not transmit RTP data.

20

16. A Real-Time Protocol (RTP) stack, comprising:

a transport-independent tasks module, wherein the transport-independent tasks module includes methods that are independent of the underlying transport layer;

a connector module in communication with the transport-independent module,

5 wherein the connector module includes methods that are dependent on the underlying transport layer; and

a small device profile that defines a bandwidth fraction for Real-Time Control Protocol (RTCP) control data to be zero, wherein the RTP stack does not process RTCP data, and wherein the RTP stack does not transmit RTP data.

10

17. An RTP stack as recited in claim 16, wherein the RTP stack comprises less than 150 kilobytes (KB).

18. An RTP stack as recited in claim 16, wherein the RTP stack comprises less  
15 than 60 KB.

19. An RTP stack as recited in claim 16, wherein the connector module receives RTP data from the underlying transport layer and provides the RTP data to the transport independent module as an RTP input stream.

20

20. An RTP stack as recited in claim 16, wherein the RTP stack is capable of being deployed in a small device having restrictive memory requirements.

0990225-132004